Event

MPTS IJET
FRM 2101
OFT

Mission

FORMATION EP SIMULATOR

1.3 HOURS/X

ORM

FRM 2101

- **OPERATIONAL REQUIREMENTS / LIMITATIONS**
  - **CREW REST/ CREW DAY / WORK WEEK**
  - **WARM-UP ELIGIBILITY**
  - **PREVIOUS FLIGHT COMPLETE?**
  - **IP CURRENCY**
  - **READ AND INITIAL**

- **HUMAN FACTORS**
  - **LIFE STRESSORS / EXTERNAL FACTORS/ PERSONAL PROBLEMS**
  - **MEDICAL STATUS**
    - **CREW DAY**
    - **CREW REST**
    - **NOURISHMENT**
    - **HYDRATION**

- **HAZARDS AND CONTROLS**
  - **ROUTINE**
  - **WEATHER**
    - **CURRENT OBSERVATIONS AND FORECASTS**
    - **CROSSWINDS**
    - **FUEL CONSIDERATIONS**

TTO

FRM 2101

- **WHO WILL CALL A TTO?**

- **WHAT SITUATIONS WILL THE TTO BE CALLED?**
  - **SAFETY**
  - **CONFUSION**
  - **MISUNDERSTANDING**

- **IP RESPONSIBILITIES**
  - **RECOGNIZE THE NEED FOR A TTO**
  - **EXPLANATION / INSTRUCTION AS NECESSARY**
  - **DOCUMENTATION ON ATF**

- **WHEN AND HOW WILL TRAINING RESUME?**

ADMIN

FRM 2101

- **QOD**
  - **NATOPS**
  - **EP**
  - **SOP**
- **PREREQUISITES**
  - **FRM 3103**
- **MISC.**
  - **EVENT DURATION MUST BE AT LEAST 0.75 OF SYLLABUS TIME TO BE COMPLETE (1.0 HRS).**
  - **AN EVENT DURATION THAT DEVIATES GREATER THAN 0.3 HOURS FROM SYLLABUS TIME MUST HAVE THE REASON ANNOTATED ON THE GRADE SHEET.**

SYLLABUS NOTES

FRM 2101

A. FRM 2101 MUST BE FLOWN AFTER FRM 3103.

B. THE STUDENT WILL PERFORM THE FOLLOWING MANEUVERS IAW FTI, NATIPS, AND SOP ON THIS EVENT: FORMATION ABORT, ECS EMERGENCIES, STRUCTURAL FAILURE/DAMAGE, NWS FAILURE, ANTI-SKID FAILURE, PATTERN STALL RECOVERY, AND EJECTION.

RECOMMENDED FLIGHT CONDUCT

FRM 2101

- **START MALFUNCTIONS / GROUND EMERGENCIES**
- **INTERVAL ABORT**
- **INTERVAL T/O W EMERGENCY**
- **PARADE (VFR/IFR)**
- **ENG EMERGENCIES**
- **FLIGHT CONTROL EMERGENCIES**
- **ELECTRICAL EMERGENCIES**
- **ECS EMERGENCIES**
- **FUEL SYSTEM EMERGENCIES**
- **TURNS/ECHELON**
- **PRECAUTIONARY APPROACH**
- **SECTION APPROACH/MISSED APPROACH WITH EMERGENCY**
- **VFR RECOVERY + PATTERN EMERGENCIES**
- **VFR LANDING PATTERN**
- **LANDING/TOUCH-AND-GO**

SSR/DISCUSS ITEMS

FRM 2101

- **SPECIAL SYLLABUS REQUIRMENTS:**
  - **NONE**
- **DISCUSS ITEMS:**
  - **NATOPS/SOP/ EP QOD**
  - **SAR SITUATIONS**

FRM 2101

BLOCK MIF

CTS REF	MANEUVER	FRM2101
1	General Knowledge/Procedures	3+
2	Emergency Procedures	3+
3	Headwork/Situational Awareness	3+
4	Basic Airwork	3+
5	Mission Planning/Briefing/ Debriefing	3+
6	Communications	3+
7	Ground Operations	3+
8	Flight Admin	3+
2	Start Malfunctions	3+
2	Ground Emergencies	3+
2	Aborted Takeoff	3+
2	Takeoff Emergencies	3+
2	Engine EPs	3+
2	Flight Control EPs	3+
2	Electrical EPs	3+
2	ECS EPs	3+
2	Fuel System EPs	3+
30 10	Individual/Interval Takeoff	3+
13	Descent/Field Entry	3
32	Parade	2+
32	Turns/Echelon	2+
33	Section Approach/Missed Approach as Wing	3
21	Precautionary Approach	3+
22	VFR Landing Pattern	3
23	Landing/Touch-and-Go	2

STANDARD DEBRIEFING FORMAT

FRM 2101

- THE FLIGHT LEAD OR PILOT-IN-COMMAND IS RESPONSIBLE FOR ENSURING ALL FLIGHT OR CREWMEMBERS ARE THOUROUGHLY DEBRIEFED ON THE CONDUCT OF THE MISSION UTILIZING THE "S-P-B-E-MS-LL" FORMAT OUTLINED BELOW.

I. SAFETY
II. PLANNING
III. BRIEF
IV. EXECUTION
V. MISSION SUCCESS
VI. LESSONS LEARNED